



Heat Powered Cycles Conference

University of Bayreuth, Germany
16th -19th September 2018

Call for Papers

This is the eighth Heat Powered Cycles conference to be organised. The first was held at Nottingham in 1997. This time the event is being co-organised by the Universities of Bayreuth, (Germany), The University of Applied Sciences, Vorarlberg, (Austria), The National Institute for Space Research, (Brazil) and The University of Bristol, (UK). The conference is to be held at the University of Bayreuth and hosted by the Centre for Energy Technology at the University of Bayreuth by Professor Dieter Brüggemann as director of the Center and Professor Markus Preißinger, former executive manager of the Centre. In addition to formal presentations of technical papers, including invited Keynote papers, the event will include poster sessions and workshops. There will also be a full social programme for both delegates and accompanying partners.

The conference is concerned with scientific and technological innovations relating to the efficient and economic use of heat, derived from all its sources, for the production of cooling, heating and mechanical power either independently or co-generatively. Subject areas of particular interest include; hybrid cycles, ORCs, Stirling cycle machines, thermo-acoustic engines and coolers, sorption cycle refrigerators and heat pumps, jet-pump (ejector) machines, temperature amplifiers (heat transformers), chemical heat pumps, new working fluids, mass and heat transfer phenomena, desalination of brackish water and seawater, compact heat exchanger research (including foams and other micro-channel research), thermo-economics, process optimisation and modelling, process and cycle thermodynamics.

If you have any questions or queries regarding the suitability of your proposed paper or the instructions for its submission or presentation please do not hesitate to contact Ian Eames (ianweames@aol.com) or Roger Riehl (roger.riehl@inpe.br) or via enquiries@heatpoweredcycles.org. Please feel welcome to discuss any ideas for papers/presentations or the conference generally you may have with Ian, Roger or Markus. Further information can be found at our new conference web site: heatpoweredcycles.org.



Instructions for authors

Authors are asked to submit a two-page extended abstract as an attached MS Word document (in a zip-file where necessary), to the Conference Secretariat at submission@heatpowercycles.org. Authors are asked to follow the instructions for the presentation of abstracts given in the linked instructions.

A template for the 2-page extended abstract can be downloaded from the conference website (heatpowercycles.org). When submitting an abstract authors are asked to suggest under which scientific area they believe their work it should be reviewed.

Deadlines for the submission of abstracts and final papers are listed below

Accepted abstracts will be printed in the hard copy of the conference proceedings and successful authors will be invited to submit full papers. It is hoped that some selected papers will be published in a number of refereed journals (to be confirmed). As previously, prizes will be awarded for the best student papers.

Important conference dates

18 th November 2017	Closing date for submission of 2-page abstracts
20 th January 2018	Notification of acceptance of abstracts
22 nd April 2018	Latest date for the submission for full papers
9 th June 2018	Final paper acceptance notice
18 th June 2018	Latest date for early bird registration
16 th – 19 th September	Conference dates